

# Kusuma Reddy

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## Summary

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Motivated and detail-oriented Java Full Stack Developer with a strong foundation in software development, data science. Experienced in designing and implementing web applications using Java, Spring Boot, and REST APIs. Passionate about building efficient, scalable solutions and leveraging machine learning for innovative problem-solving. Adept at working in agile environments, collaborating with teams, and delivering high-quality software solutions.

## Technical Skills

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**Programming Languages:** Java, Python, C

**Frameworks & Technologies:** SQL, ReactJs, NodeJs, Spring Boot, Spring MVC, JDBC, MongoDB, AWS Services, Machine Learning, Deep Learning, Data Analytics, JavaScript, HTML, CSS

**Tools & Platforms:** Android Studio, Git, Maven, SonarQube, Windows, Ubuntu

**Coursework Undergraduate:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating System, SDLC, Scrum Master, Agile Software

## Work Experience

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**Java Full Stack Intern – Cognifyz Technologies** Nov 2024 – Dec 2024

- Developed a **Random Password Generator** to generate secure passwords. This application allows users to create passwords based on different levels of security, including alphanumeric and special characters, ensuring better protection for sensitive data
- Built a **Multi-Threaded Application** to manage multiple processes simultaneously. This system enhances efficiency by allowing multiple tasks to run concurrently without performance degradation. It optimizes server resource usage and improve application responsiveness

## Projects

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**Employee Management System (Graduation Research Project)** Oct 2023 – Mar2024

- Developed a system to manage employee data efficiently, preventing data loss
- Implemented **Java, Rest API, Spring Framework, and JavaScript** for seamless operations
- For project details refer to [github](#) repository

**Anomaly Detection in Real-world Surveillance Videos (Graduation Research Project)** Oct 2024 - Present

- Built a system for detecting anomalies like fights, accidents and robberies
- Leveraged **Python, PyTorch, and LAV Filters** for real-time video analysis

## Education

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**OSMANIA UNIVERSITY (GOKARAJU LAILAVATHI ENGINEERING COLLEGE), HYDERABAD** Oct 2022 – Jun 2025

Pursuing Bachelor in Computer Science and Engineering, 8.5 cgpa

**ANURAG ENGINEERING COLLEGE, KODAD** Jun 2019 – Apr 2022

Diploma in Electronics and Communication Engineering, 8.0 cgpa

**VIGNAN GROUP OF INSTITUTIONS, HUZURNAGAR** Jun 2018 – Mar2019

SSC Board, 9.2 cgpa

## Achievements and Certifications

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- Solved **1000+** problems on [codechef](#)
- Certified in **VEDAIT** completion of **Java Full Stack** Training
- Responsive Web Development** – FreeCodeCamp, **Cybersecurity** – Forage, **AWS S3 Basics** – Coursera
- SQL Intermediate** – Hacker Rank, **AI Tools** – be10X, **Digital Skills** – Accenture